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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Group 2100

Applicant: Jan RENWICK et al.

Title: A PROCESS FOR CREATING A TRADING PARTNER
PROFILE

Appl. No.: 09/748,143

Filing Date: 12/27/2000

Examiner: Unassigned

Art Unit: 2161

TRANSMITTAL OF FORMAL DRAWINGS

Commissioner for Patents
Washington, D.C. 20231

ATTENTION: DRAWING REVIEW BRANCH

Sir:

Transmitted herewith are the formal drawings (6 sheets, Figures 1-5) for the
above-identified application. The Official Draftsperson is respectfully requested to
approve these drawings for entry into the application.

Respectfully submitted,

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July 11, 2001

Date

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Fig. 1

The figure displays three overlapping screenshots of a software window titled "Trade Guide". Each window has a menu bar with "File", "View", "Edit", "Reports", "Administration", "Process Options", "Communications", "Window", and "Help". Below the menu bar is a toolbar with icons for various functions. The main area is divided into two panes. The left pane, titled "Exeptions", contains a tree view with the following items: Global ASC X12, Global Application, Global CII/EIAJ, Global RosettaNet, Global TDCC, Global TRADACOMS, Global UN EDIFACT, and Global xCBL. The right pane, titled "Exceptions: AEH|X12", contains a tabbed interface with tabs for "ISA-IEA", "GS-GE", and "ST-SE". The "ISA-IEA" tab is active. It lists several exceptions with corresponding actions in a column to the right. The exceptions and their actions are: "Entity Lookup Failure" with an "Auto Create" button; "Security Failure" with a "Bypass" button; "Count Number Discrepancy" with a "Bypass" button; "Control Number Discrepancy" with a "Bypass" button; "Count Number Sequence Discrepancy" with a "Process" button; "Missing Trailer" with a "Bypass" button; "Header Parsing Feature" with a "Bypass" button; "Source Message Error" with a "Bypass" button; and "Target Message Error" with a "Bypass" button. At the bottom of the window are buttons for "Save", "Edit", "Cancel", and "Help".

Trade Guide

File View Edit Reports Administration Process Options Communications Window Help

Exeptions

- Global ASC X12
- Global Application
- Global CII/EIAJ
- Global RosettaNet
- Global TDCC
- Global TRADACOMS
- Global UN EDIFACT
- Global xCBL

Exceptions: AEH|X12

ISA-IEA GS-GE ST-SE

* Indicates Mandatory Field

Exception	Action
Entity Lookup Failure	Auto Create
Security Failure	Bypass
Count Number Discrepancy	Bypass
Control Number Discrepancy	Bypass
Count Number Sequence Discrepancy	Process
Missing Trailer	Bypass
Header Parsing Feature	Bypass
Source Message Error	Bypass
Target Message Error	Bypass

Save Edit Cancel Help

Fig. 2A

☐ Trade Guide

File View Edit Reports Administration Process Options Communications Window Help

☐ TP Templates: TPCPYFOZf8xVsSgfT

ASC X12 (ISA-IEA) Inbound Outbound

* Indicates Mandatory Field

GENERAL

Trading Partner

Archive Data

Custom

PRODUCTION ID#

Trading Partner Qualifier

Trading Partner ID

Your Qualifier

Your ID

Save Edit Cancel Help

Trading Partner Templates

- ASC X12 (ISA-IEA)
- ASC X12 (GS-GE)
- ASC X12 (ST-SE)
- TDCC (GS-GE Interchange)
- TDCC (ST-SE Interchange)
- TDCC (BG-EG)
- TDCC (GS-GE)
- TDCC (ST-SE)
- RosettaNet (Partner Information)
- RosettaNet (Service Header)
- RosettaNet (Transaction/Action Information)
- CII/EIAJ (Message Group)
- CII/EIAJ (Message)
- UN EDIFACT (UNA, UNB-UNZ)
- UN EDIFACT (UNG-UNE)
- UN EDIFACT (UNH-UNT)
- xCBL Trading Partner
- xCBL Message
- TRADACOMS (STX-END)
- TRADACOMS (File Format)
- Enhanced EAI First Level
- Enhanced EAI Second Level

Fig. 2B

☐ Trade Guide

File View Edit Reports Administration Process Options Communications Window Help

☐ TP Templates: TPCPYFOZf8xVsSgT

ASC X12 (ISA-IEA) Inbound Outbound

* Indicates Mandatory Field

Password

Ack Network ID

Last Control Number

Control Number Checking

Integrity Level

Save Edit Cancel Help

Trading Partner Templates

- ASC X12 (ISA-IEA)
- ASC X12 (GS-GE)
- ASC X12 (ST-SE)
- TDCC (GS-GE Interchange)
- TDCC (ST-SE Interchange)
- TDCC (BG-EG)
- TDCC (GS-GE)
- TDCC (ST-SE)
- RosettaNet (Partner Information)
- RosettaNet (Service Header)
- RosettaNet (Transaction/Action Information)
- CII/EIAJ (Message Group)
- CII/EIAJ (Message)
- UN EDIFACT (UNA, UNB-UNZ)
- UN EDIFACT (UNG-UNE)
- UN EDIFACT (UNH-UNT)
- xCBL Trading Partner
- xCBL Message
- TRADACOMS (STX-END)
- TRADACOMS (File Format)
- Enhanced EAI First Level
- Enhanced EAI Second Level

```

graph TD
    OTRecogn[OTRecogn.att  
Begin Process] --> OTStd[OTNxtStd.att  
Locate Next Standard]
    OTRecogn --> OTInt[OT???Int.att  
Perform Locate Next Standard  
Verify Interchange Envelope  
Verify Functional Group Envelope  
Verify Message Envelope]
    OTRecogn --> OTTrl[OT???Trl.att  
Perform Locate Next Standard  
Locate Trailer Segment]
    OTRecogn --> OTBypass[OTBypass.att  
Perform Locate Next Standard  
Perform Locate Trailer Segment  
Write out Exception Message]
    
    OTStd --> OTInt
    OTInt --> OTTrl
    OTTrl --> OTBypass
    
    OTRecogn -- Reject --> OTStd
    OTRecogn -- Bypass --> OTBypass
    OTRecogn -- Process --> OTInt
    OTRecogn -- AutoCreate --> OTTrl
    OTRecogn -- End Process --> OTBypass
    OTRecogn -- Perform De-Enveloping --> OTTrl
    OTRecogn -- Perform Locate Trailer Segment --> OTTrl
    OTRecogn -- Perform Create Functional Ack --> OTBypass
    OTRecogn -- Perform Commit Files --> OTBypass
  
```

The flowchart illustrates the OTN processing flow. It begins with the **OTRecogn.att** module, which initiates the process. The flow then branches into four main paths based on the state of the OTN: **Reject**, **Bypass**, **Process**, and **AutoCreate**. The **Process** path leads to the **OTNxtStd.att** module, which locates the next standard. The **AutoCreate** path leads to the **OT???Int.att** module, which performs locate next standard, verify interchange envelope, verify functional group envelope, and verify message envelope. The **Reject** path leads to the **OT???Trl.att** module, which performs locate next standard and locate trailer segment. The **Bypass** path leads to the **OTBypass.att** module, which performs locate next standard, locate trailer segment, and write out exception message. The flowchart also includes a **End Process** section with a **Perform Create Functional Ack** and **Perform Commit Files** step. The flowchart concludes with a **To Fig. 3 cont.** label.

Fig. 3 (cont.)

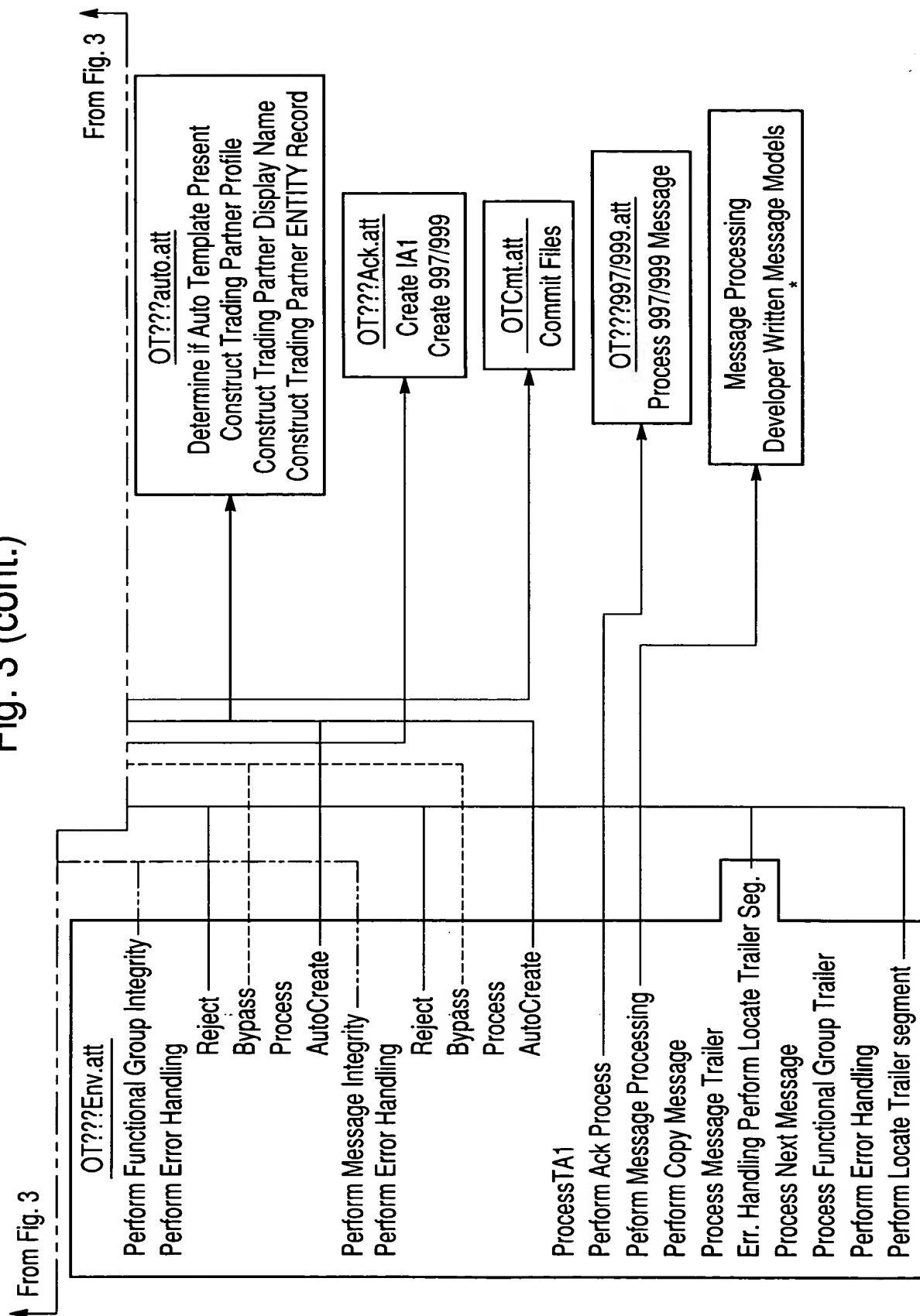


Fig. 4

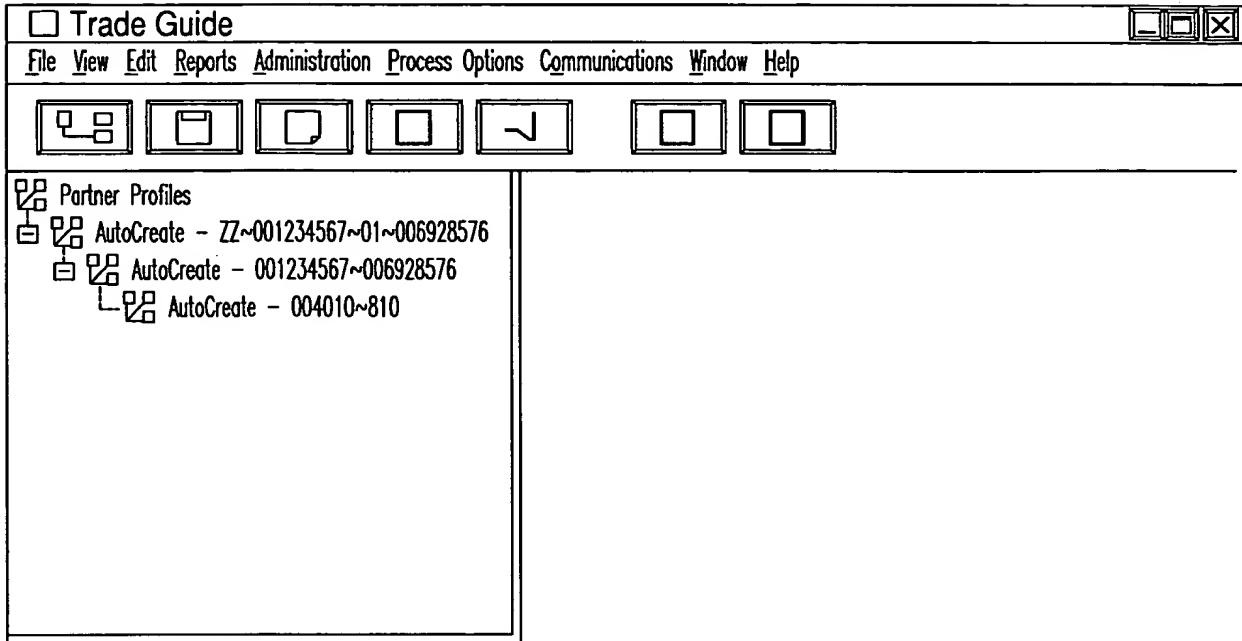


Fig. 5

